

ECS Configuration Change Request

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1. Originator Cherry Kenney	2. Log Date: 6/17/02	3. CCR #: 02-0496	4. Rev: A	5. Tel: X 4177	6. Rm #: 3204D	7. Dept. DEV/CO
8. CCR Title: TE_6A.06_PDS.01A For EDC DAAC only. Contains fixes for one Sev 2 and one Sev 3 NCR. >						
9. Originator Signature/Date Cherry A. Kenney /s/ 6/17/02			10. Class II	11. Type: CCR	12. Need Date: 17Jun02	
13. Office Manager Signature/Date John Cockey /s/ 6/17/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. Cl(s) Affected: PDS	
19. Release Affected by this Change: 6A		20. Date due to Customer: 17Jun02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 34374, 33264						
23. Problem: (use additional Sheets if necessary) 34374 PDS cron is slowing the overall PDS process 33264 - No text wrap on PDS shipping labels plus "null" state						
24. Proposed Solution: (use additional sheets if necessary) Deliver TE_6A.06_PDS.01A. TE must be installed on top of initial 6A.06 delivery. Tarfile was made on June 17, 2002.						
25. Alternate Solution: (use additional sheets if necessary) Delay testing; wait until next full system delivery.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) EDC's backlog of media distribution will continue to grow and customers will not get their order in a timely manner.						
27. Justification for Emergency (If Block 15 is "Emergency"): Needed immediately following the delivery of 6A.06.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date): Randall J. Miller /s/ 6/17/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB				
33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 6/17/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 02-0496 **Rev:** **A Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: TE_6A.06_PDS.01A For EDC DAAC only. Contains fixes for one Sev 2 and one Sev 3 NCR.

>
Actions

Please create a tar file with the following 3 files:

```
/ecs/formal/PDS/lib/irix65/pdsis.jar  
/ecs/formal/PDS/pdsis/scripts/EDCcrontab  
/ecs/formal/PDS/pdsis/scripts/start PDSISCron.sh
```

DAAC INSTALL INSTRUCTIONS

Untar the delivered tar file in a temporary/scratch directory (referred to below as <temp_dir>:

```
tar -xvf TE_6A.06_PDS.01A.tar
```

copy from:

```
cp <temp_dir> /pdsis.jar /usr/local/pdsis[_mode]/local/javalib  
chmod 755 /usr/local/pdsis[_mode]/local/javalib  
  
cp <temp_dir>/ EDCcrontab /usr/local/pdsis[_mode]/bin  
cp <temp_dir>/ startPDSISCron.sh /usr/local/pdsis[_mode]/bin  
  
chmod 644 /usr/local/pdsis[_mode]/bin/EDCcron  
chmod 755 /usr/local/pdsis[_mode]/bin/startPDSISCron.sh
```

The EDCcrontab file has divided the cron job into three processes, each running every two minutes. The jobs each have an argument of "scli" for the scli processing, "status" for status updates, or "cleanup" for cleanup jobs. This crontab file can be modified to have the jobs run at differing times.

The crontab file can also be modified to make one process out of the three by changing the "scli" argument to "all" and deleting the lines for the other processes:

```
0,2,4,8,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48,50,52,54,56,58 * * * *  
/usr/local/$USER/bin/startPDSISCron.sh $USER all super >> /data1/$USER/logs/EcPdPDSISCronStartall.log 2>&1
```

Also note the "super" argument. This is a higher level of debug output than "true". Formerly, the cron jobs either used "true" or "false" if the user wanted debug output. "true" and "false" are still legal arguments.

The cron process(es) will write any output to

```
/usr/local/pdsis/logs/EcPdPDSISCronStart<argument>.log
```

This is a change, formerly output was emailed to the user. If you do not like the messages going to the log file, edit the crontab file to remove everything starting with ">>" to the end of each line, like so:

```
0,2,4,8,10,12,14,16,18,20,22,24,26,28,30,32,34,36,38,40,42,44,46,48,50,52,54,56,58 * * * *  
/usr/local/$USER/bin/startPDSISCronall.sh $USER all super
```

To start the cron jobs enter:
crontab EDCcrontab

To check what cron jobs are set up enter:
crontab -l

